

BIO TECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/509,165
Source: 1600 RUSTI
Date Processed by STIC: 1/19/2002

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY.

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE: SEE BELOW FOR ADDRESS:

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

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3. Hand Carry directly to:
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Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,165

DATE: 01/09/2002
TIME: 16:02:10

Input Set : A:\34810PCT.seq.txt
Output Set: N:\CRF3\01082002\I509165.raw

4 <110> APPLICANT: ICOS Corporation, et al.
6 <120> TITLE OF INVENTION: MACROPHAGE DERIVED CHEMOKINE (MDC), MDC ANALOGS, MDC
7 INHIBITOR SUBSTANCES, AND USES THEREOF
9 <130> FILE REFERENCE: 27866/34810PCT
OK 11 <140> CURRENT APPLICATION NUMBER: US/09/509,165
12 <141> CURRENT FILING DATE: 1998-09-28
14 <150> PRIOR APPLICATION NUMBER: 09/067,447
15 <151> PRIOR FILING DATE: 1998-04-28
17 <150> PRIOR APPLICATION NUMBER: 08/939,107
18 <151> PRIOR FILING DATE: 1997-09-26
20 <150> PRIOR APPLICATION NUMBER: 08/660,542
21 <151> PRIOR FILING DATE: 1996-06-07
23 <150> PRIOR APPLICATION NUMBER: 08/558,658
24 <151> PRIOR FILING DATE: 1995-11-16
26 <150> PRIOR APPLICATION NUMBER: 08/479,620
27 <151> PRIOR FILING DATE: 1995-06-07
29 <160> NUMBER OF SEQ ID NOS: 46
31 <170> SOFTWARE: PatentIn Ver. 2.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

397 <210> SEQ ID NO: 19
398 <211> LENGTH: 99
399 <212> TYPE: PRT
400 <213> ORGANISM: Homo sapiens - Hu MCP-1
OK 401 <400> SEQUENCE: 19
402 Met Lys Val Ser Ala Ala Leu Leu Cys Leu Leu Ile Ala Ala Thr
403 -20 -15 -10
405 Phe Ile Pro Gln Gly Leu Ala Gln Pro Asp Ala Ile Asn Ala Pro Val
406 -5 1 5
408 Thr Cys Cys Tyr Asn Phe Thr Asn Arg Lys Ile Ser Val Gln Arg Leu
409 10 15 20 25
411 Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
412 30 35 40
414 Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln
E--> 415 45 50 55
418 Lys Trp Val Gln Asp Ser Met Asp His Leu Asp Lys Gln Thr Gln Thr
419 60 65 70
421 Pro Lys Thr
422 75
474 <210> SEQ ID NO: 22
475 <211> LENGTH: 91
476 <212> TYPE: PRT
477 <213> ORGANISM: Homo sapiens - MIP-1 beta
479 <220> FEATURE:
OK 480 <400> SEQUENCE: 22

80 delete

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,165

DATE: 01/09/2002
TIME: 16:02:10

Input Set : A:\34810PCT.seq.txt
Output Set: N:\CRF3\01082002\I509165.raw

481 Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala
482 -20 -15 -10
484 Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr
E--> 485 ~~deletel (-15)~~ -5 (change to -5) 1 5
487 Ala Cys Cys Phe Ser Tyr Thr Arg Glu Ala Ser Ser Asn Phe Val Val
E--> 488 10 15 20 25 < insert
490 Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val Phe
491 30 35 40
493 Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser Trp
494 45 50 55
496 Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn
497 60 65
500 <210> SEQ ID NO: 23
501 <211> LENGTH: 92
502 <212> TYPE: PRT
503 <213> ORGANISM: Homo sapiens - MIP-1 alpha
505 <220> FEATURE:
W- 506 <400> SEQUENCE: 23
508 Met Gln Val Ser Thr Ala Ala Leu Ala Val Leu Leu Cys Thr Met Ala
509 -20 -15 -10
511 Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala
512 -5 1 5 10
514 Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala
E--> 515 15 20 25
516 Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe
517 30 35 40
519 Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp
520 45 50 55
522 Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala
523 60 65 70
526 <210> SEQ ID NO: 24
527 <211> LENGTH: 96
528 <212> TYPE: PRT
529 <213> ORGANISM: Homo sapiens - I-309
531 <220> FEATURE:
W- 532 <400> SEQUENCE: 24
533 Met Gln Ile Ile Thr Thr Ala Leu Val Cys Leu Leu Leu Ala Gly Met
E--> 534 -20 -15 -10 -10
536 Trp Pro Glu Asp Val Asp Ser Lys Ser Met Gln Val Pro Phe Ser Arg
E--> 537 -5 -5 1 1 5 5 10
539 Cys Cys Phe Ser Phe Ala Glu Gln Glu Ile Pro Leu Arg Ala Ile Leu
540 10 15 20 20 25 25
542 Cys Tyr Arg Asn Thr Ser Ser Ile Cys Ser Asn Glu Gly Leu Ile Phe
543 30 30 35 35 40 40
545 Lys Leu Lys Arg Gly Lys Glu Ala Cys Ala Leu Asp Thr Val Gly Trp
546 45 50 55 55
548 Val Gln Arg His Arg Lys Met Leu Arg His Cys Pro Ser Lys Arg Lys
549 60 60 65 65 70 70
1114 <210> SEQ ID NO: 38

Ref P.3

*if
number*

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,165

DATE: 01/09/2002
TIME: 16:02:10

Input Set : A:\34810PCT.seq.txt
Output Set: N:\CRF3\01082002\I509165.raw

1115 <211> LENGTH: 81
1116 <212> TYPE: PRT
1117 <213> ORGANISM: rat
1119 <400> SEQUENCE: 38
1120 Leu Val Leu Leu Ala Val Ala Leu Gln Thr Ser Asp Ala Gly Pro Tyr
1121 -10 -5 -1 1
1123 Gly Ala Asn Val Glu Asp Ser Ile Cys Cys Gln Asp Tyr Ile Arg His
1124 5 10 15
1126 Pro Leu Pro Pro Arg Phe Val Lys Glu Phe Tyr Trp Thr Ser Lys Ser
1127 20 25 30 35
1129 Cys Arg Lys Pro Gly Val Val Leu Ile Thr Ile Lys Asn Arg Asp Ile
1130 40 45 50
E--> 1132 Cys Ala Asp Pro Xaa Met Leu Trp Val Lys Lys Ile Leu His Lys Leu
1133 55 60 65
1135 Ala

see item 9 on Exam Summary Sheet

fwd
Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

see pp 4-7 for more exam

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/509,165

DATE: 01/09/2002
TIME: 16:02:11

Input Set : A:\34810PCT.seq.txt
Output Set: N:\CRF3\01082002\I509165.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:375 M:283 W: Missing Blank Line separator, <400> field identifier
L:401 M:283 W: Missing Blank Line separator, <400> field identifier
L:415 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:19
L:431 M:283 W: Missing Blank Line separator, <400> field identifier
L:454 M:283 W: Missing Blank Line separator, <400> field identifier
L:480 M:283 W: Missing Blank Line separator, <400> field identifier
L:485 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:22
M:332 Repeated in SeqNo=22
L:506 M:283 W: Missing Blank Line separator, <400> field identifier
L:515 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:23
L:532 M:283 W: Missing Blank Line separator, <400> field identifier
L:534 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:24
M:332 Repeated in SeqNo=24
L:603 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:25
L:603 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25
L:603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:606 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:25
L:606 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25
L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:609 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:25
L:609 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25
L:609 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:612 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:25
L:612 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25
L:612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:668 M:283 W: Missing Blank Line separator, <220> field identifier
L:670 M:283 W: Missing Blank Line separator, <400> field identifier
L:691 M:283 W: Missing Blank Line separator, <220> field identifier
L:715 M:283 W: Missing Blank Line separator, <220> field identifier
L:1082 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:37
L:1082 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1083 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:37
L:1083 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1105 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:37
L:1105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1107 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:37
L:1107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1109 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:37
L:1109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1111 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:37
L:1111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1132 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:38
L:1153 M:283 W: Missing Blank Line separator, <400> field identifier
L:1201 M:283 W: Missing Blank Line separator, <400> field identifier
L:1236 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41
L:1240 M:283 W: Missing Blank Line separator, <220> field identifier

VERIFICATION SUMMARY DATE: 01/09/2002
PATENT APPLICATION: US/09/509,165 TIME: 16:02:11

Input Set : A:\34810PCT.seq.txt
Output Set: N:\CRF3\01082002\I509165.raw

L:1246 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:41
L:1246 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:41
L:1246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41